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A PROCESS FOR THE MANUFACTURE OF  
ETHYLENE-BIS-DITHIO CARBAMIC ACID ARSENIC  
DERIVATIVES. Feb 64, 13p 2refs  
Order from SA \$19.00    SA Code-P-234

Trans. of published Japanese patent 8566/1956,  
cl. 16 C 93 (30 F 37) (16 B 93) (30 F 91)  
appl. 28151/1954, 23 Dec 54, pub. 5 Oct 56, by  
Toa Noyaku Co., Ltd. (Abstract available)

DESCRIPTORS: \*Germicides, \*Fungicides, \*) arsenic  
compounds, \*Carbamic acid, Sulfur compounds,  
Ethylenes, Manufacturing methods.

The invention relates to a process for the manufacture  
of arsenic derivatives of ethylene-bis-dithiocarbamic  
acid which is characterized by permitting alkali salts  
of ethylene-bis-dithio-carbamic acid to react with  
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TT-64-12546

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- I. Hiratsuka, K.
- II. Inoue, C.
- III. Nagao, Y.
- IV. Umeda, K.
- V. Patent (Japan) pub. 31-8566
- VI. SA-Code-P-234
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NTC 69-12599-06P

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DRY SPINNING OF MAN-MADE FIBERS.  
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DESCRIPTORS: \*Fibers(Synthetic), \*Textiles.

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- I. Hirokawa, K.
- II. Imai, M.
- III. Patent (Japan) pub.  
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- IV. ATS-79Q69]
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East Orange, N. J.

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AN EXAMINATION OF THE POLYMERIZATION  
MECHANISM OF ETHYLENE BY CATALYST VANA-  
DIUM(V)-OXYCHLORIDE ALUMINUM. Pt. 4 of High  
Polymerization of Olefins with Lewis Acid-Metallic  
Catalyst. [1963] 28p (refs omitted) 7refs  
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II. Fukui, K.  
III. Title: High ...

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1962, v. 65,  
no. 11, p. 1869-1874.

1252305

DESCRIPTORS: \*Polyethylene plastics, Preparation,  
\*Ethylene, \*Polymerization, \*Vanadium catalysts,  
Vanadium compounds, \*Oxychlorides, \*Aluminum, Re-  
action kinetics, Complex compounds.

The characteristics of the polymerization of ethylene  
with the use of the catalyst vanadium(V) oxychloride-  
aluminum and the behavior of the catalyst were studied  
and an examination was made of the characteristics of  
(Chemistry--Physical, TT, v. 10, no. 10) (over)

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PROPERTIES AND BEHAVIOR OF ACTIVE BODY IN  
ETHYLENE-POLYMERIZATION WITH VANADIUM (V)  
OXYCHLORIDE-ALUMINUM CATALYZER. Pt. 3 of  
High Polymerization of Olefins with Lewis-Acid-Metal-  
[lic] Catalyst. [1963] 16p 8refs  
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Trans. of [Kogyo Kagaku Zasshi] (Japan) 1962, v. 65,  
no. 11, p. 1865-1868.

DESCRIPTORS: \*Polyethylene plastics, Preparation,  
\*Ethylenes, \*Polymerization, \*Vanadium catalysts,  
Vanadium compounds, \*Oxychlorides, \*Aluminum, Re-  
action kinetics, Complex compounds.

An ethylene polymerization was conducted at a constant  
pressure in the presence of vanadium (V)-oxychloride-  
aluminum as catalyst and the properties of the active  
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- I. Hirooka, M.
- II. Yuasa, Y.
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POLYMER MEMBRANES. [1963] 12p 2refs  
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I. Hirose, H.  
II. Wada, Y.

Trans. of Oyo Butsuri (Japan) 1961, v. 30, no. 12,  
p. 911-915. (Abstract available)

DESCRIPTORS: \*Plastic films, \*Membranes, Gases,  
\*Permeability, \*Metal films, Vapor plating.

A method is given whereby the three resistances of  
adsorption, desorption and diffusion may be measured  
separately by vaporizing a thin layer of metal onto a  
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Yasuo HIROSE, et al.  
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Trans. of Kobunshi Kagaku (Japan) 1946, v. 3, p. 13-20

DESCRIPTORS: \*Polyvinyl alcohol, Fibers (Synthetic),  
Drawing (Machine processing), Tensile properties.

(Materials--Fibers, TT, v. 9, no. 6)

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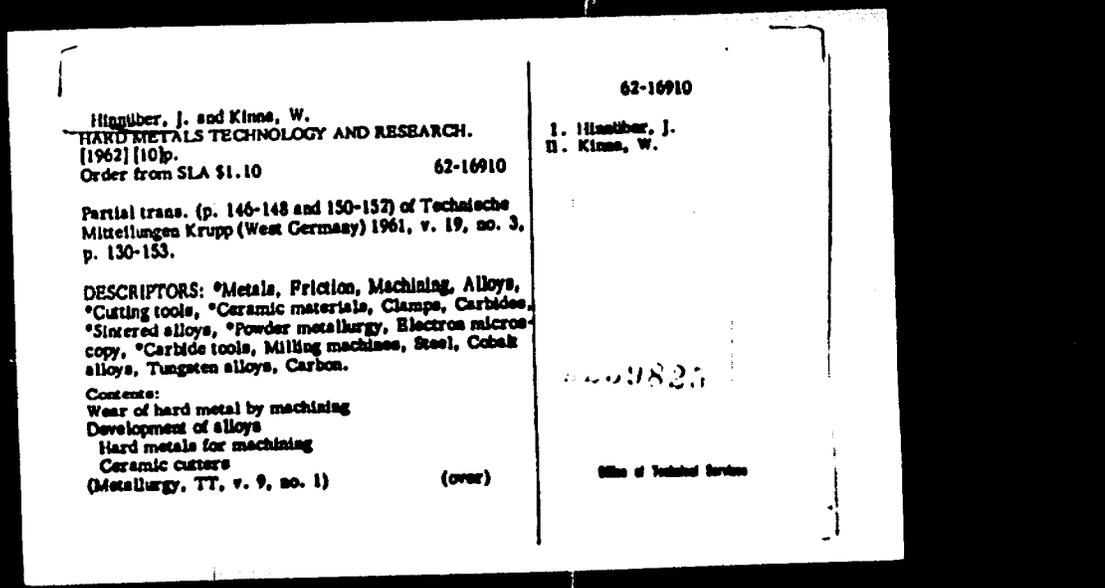
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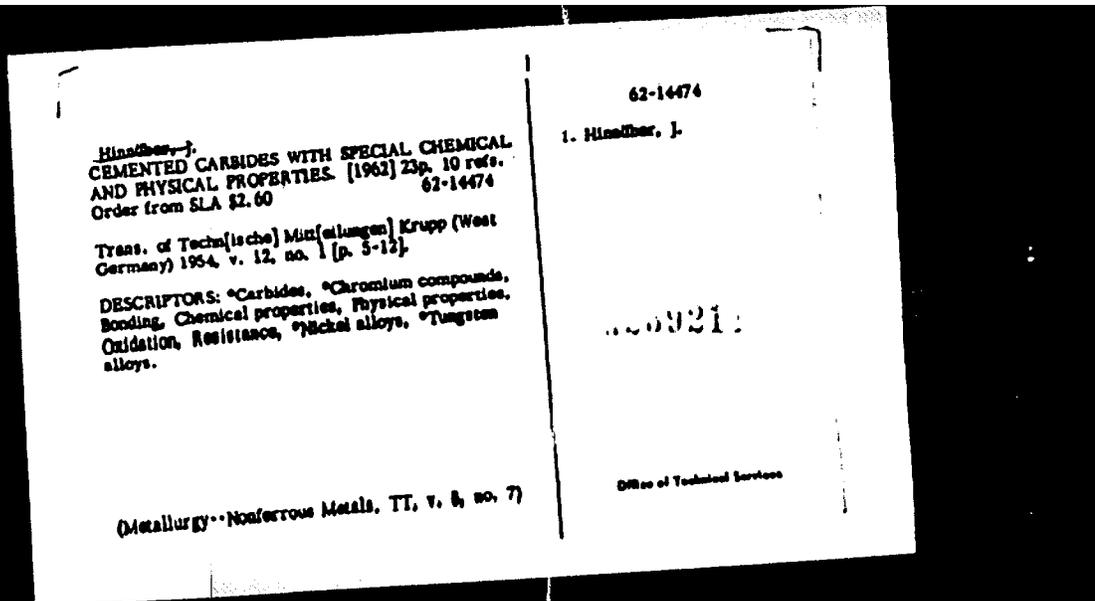
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